

ABSTRACT

For an image pickup device formed from a plurality of pixels, each of which can perform any of an exposure operation and a reading operation thereof at a timing different from that of the other, an imaging apparatus is provided, which can determine the amount of main-flashing light based on pre-flashing by a flash highly accurately.

Before and during a preflash operation by the flash 21, an exposure operation is started simultaneously for all the pixels of the image pickup device 13 to form an image before and during the preflash to obtain a detected value by the detector circuit 17 before and during the preflash, respectively. The computation circuit 18 computes a differential detected value obtained by subtracting the before-preflash detected value from the during-preflash detected value. The differential detected value is a detected value containing only pre-flashed light with ambient light excluded. An amount of light for main flashing is computed on the basis of the differential detected value.